

Message Text

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PAGE 01 STATE 030074

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TO USMISSION IAEA VIENNA

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TAGS: AORG, OCON, IAEA, TECH

SUBJECT: IAEA TECHNICAL COMMITTEE MEETING ON HEAT UTILIZATION FROM NUCLEAR REACTORS FOR DISTRICT HEAT, VIENNA, MARCH 15-19, 1976

REF IAEA VIENNA 9743

1. MISSION MAY NOMINATE THEODORE BERESOVASKI, DIVISION OF NUCLEAR RESEARCH APPLICATION, USERDA, TO PARTICIPATE IN SUBJECT MEETING AT IAEA'S EXPENSE FOR TRAVEL AND PER DIEM.
2. BERESOVASKI WILL PRESENT PAPER ENTITLED, "ERDA PLANS RELATIVE TO ISSUES IN INTRODUCING CENTRAL NUCLEAR HEAT SYSTEMS IN THE UNITED STATES." FOLLOWING IS ABSTRACT OF THIS PAPER:

SINCE APPROXIMATELY 40 PERCENT OF PRIMARY ENERGY CONSUMED IN US IS FOR APPLICATIONS REQUIRING THERMAL ENERGY AT BELOW 200 DEGREES C, THIS APPLICATION OF NUCLEAR ENERGY IS RECEIVING INCREASED ERDA ATTENTION. STATUS OF PROGRAM WILL BE PRESENTED INCLUDING REVIEW OF SEVERAL ERDA-SPONSORED PROJECTS RELATIVE

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PAGE 02 STATE 030074

TO UTILIZATION OF WASTE HEAT FROM FULL-SCALE NUCLEAR ELECTRIC

POWER STATIONS FOR AGRICULTURAL AND ACQUACULTURAL PURPOSES. PRESENTATION WILL COVER ERDA PLANS IN SUPPORT OF INTRODUCTION AND SITING OF SMALL NUCLEAR PLANTS FOR INDUSTRIAL/COMMERCIAL ENERGY, AS WELL AS PLANS FOR FOSTERING INTRODUCTION OF LARGE DUAL-PURPOSE LIGHT WATER REACTORS (LSR'S) FOR ELECTRICITY AND STEAM GENERATION. ALSO MENTIONED WILL BE INTENDED STUDY OF SPECIFIC NUCLEAR STEAM GRID SYSTEM WHICH WOULD SERVE BOTH INDUSTRIAL AND DISTRICT HEAT DEMANDS AND WOULD EVALUATE POTENTIAL FOR RETROFITTING EXISTING INSTALLATIONS WITH THIS SYSTEM.

3. AGENCY SHOULD CONTACT BERESOVSKI DIRECTLY RE ARRANGEMENTS FOR HIS PARTICIPATION.

4. BERESOVSKI IS USG EMPLOYEE WHICH SATISFIES REQUIREMENTS SECTION VIII, E.O. 10422. SISCO

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